Sequence Listing

- <110> Stewart, Timothy A.
 Tomlinson, Elizabeth
 Audrey Goddard
 Austin Gurney
- <120> FIBROBLAST GROWTH FACTOR-19 (FGF-19) NUCLEIC ACIDS AND
 POLYPEPTIDES AND METHODS FOR THE TREATMENT OF OBESITY
 AND RELATED DISORDERS
- <130> P1219P1C1
- <141> 2003-11-17
- <150> US 09/522,342
- <151> 2000-03-09
- <150> US 09/284,663
- <151> 1999-11-25
- <150> US 09/158,342
- <151> 1998-09-21
- <150> US 60/066,840
- <151> 1997-11-25
- <160> 5
- <210> 1
- <211> 2137
- <212> DNA
- <213> Homo Sapien
- <400> 1
- geteccage: aagaaceteg gggeegetge geggtggga ggagtteeee 50 gaaacecgge egetaagega ggeeteetee teeegeagat eegaaceggee 100 tgggeegggg cacecegget gggacaagaa geegeegeet geetgeeegg 150 geeegggggg ggggetgggg etggggeegg aggeggggtg tgagtgggtg 200 tgtggegggg geggaggett gatgeaatee egataagaaa tgetegggtg 250 tettgggeae etaceegtgg ggeeegtaag gegetaetat ataaggetge 300 eggeeeggag eegeeggee gteagageag gageegtgeg teeaggatet 350 agggeeegga eeateeeaae eeggeaetea eageeegea gegeateeeg 400 gtegeegee ageeteeega gegggtgtg ggtggteeae gtatggatee 500 tggeeggeet etageegga gegggtgtg ggtggteeae gtatggatee 500 tggeeggeet etagetgge gtggeeggge geeeeetee etteteggae 550 geggggeeee aegtgeaeta eggetggge gaeeeeatee geetgegga 600

cetgtacace teeggeeece aegggetete eagetgette etgegeatee 650 gtgccgacgg cgtcgtggac tgcgcgcggg gccagagcgc gcacagtttg 700 ctggagatca aggcagtcgc tctgcggacc gtggccatca agggcgtgca 750 cagcgtgcgg tacctctgca tgggcgccga cggcaagatg caggggctgc 800 ttcagtactc ggaggaagac tgtgctttcg aggaggagat ccgcccagat 850 ggctacaatg tgtaccgatc cgagaagcac cgcctcccgg tctccctgag 900 cagtgccaaa cagcggcagc tgtacaagaa cagaggcttt cttccactct 950 ctcatttcct gcccatgctg cccatggtcc cagaggagcc tgaggacctc 1000 aggggccact tggaatctga catgttctct tcgcccctgg agaccgacag 1050 catggaccca tttgggcttg tcaccggact ggaggccgtg aggagtccca 1100 gctttgagaa gtaactgaga ccatgcccgg gcctcttcac tgctgccagg 1150 ggctgtggta cctgcagcgt gggggacgtg cttctacaag aacagtcctg 1200 agtccacgtt ctgtttagct ttaggaagaa acatctagaa gttgtacata 1250 ttcagagttt tccattggca gtgccagttt ctagccaata gacttgtctg 1300 atcataacat tgtaagcctg tagcttgccc agctgctgcc tgggccccca 1350 ttctgctccc tcgaggttgc tggacaagct gctgcactgt ctcagttctg 1400 cttgaatacc tccatcgatg gggaactcac ttcctttgga aaaattctta 1450 tgtcaagetg aaatteteta atttttete ateaetteee caggageage 1500 cagaagacag gcagtagttt taatttcagg aacaggtgat ccactctgta 1550 aaacagcagg taaatttcac tcaaccccat gtgggaattg atctatatct 1600 ctacttccag ggaccatttg cccttcccaa atccctccag gccagaactg 1650 actggagcag gcatggccca ccaggcttca ggagtagggg aagcctggag 1700 ccccactcca gccctgggac aacttgagaa ttccccctga ggccagttct 1750 gtcatggatg ctgtcctgag aataacttgc tgtcccggtg tcacctgctt 1800 ccatctccca gcccaccage cctctgccca cctcacatge ctccccatgg 1850 attggggcct cccaggcccc ccaccttatg tcaacctgca cttcttgttc 1900 aaaaatcagg aaaagaaaag atttgaagac cccaagtctt gtcaataact 1950 tgctgtgtgg aagcagcggg ggaagaccta gaaccctttc cccagcactt 2000 ggttttccaa catgatattt atgagtaatt tattttgata tgtacatctc 2050 ttattttctt acattattta tgcccccaaa ttatatttat gtatgtaagt 2100 gaggtttgtt ttgtatatta aaatggagtt tgtttgt 2137

```
<210> 2
<211> 216
<212> PRT
<213> Homo Sapien
<400> 2
 Met Arg Ser Gly Cys Val Val Val His Val Trp Ile Leu Ala Gly
 Leu Trp Leu Ala Val Ala Gly Arg Pro Leu Ala Phe Ser Asp Ala
 Gly Pro His Val His Tyr Gly Trp Gly Asp Pro Ile Arg Leu Arg
 His Leu Tyr Thr Ser Gly Pro His Gly Leu Ser Ser Cys Phe Leu
 Arg Ile Arg Ala Asp Gly Val Val Asp Cys Ala Arg Gly Gln Ser
 Ala His Ser Leu Leu Glu Ile Lys Ala Val Ala Leu Arg Thr Val
 Ala Ile Lys Gly Val His Ser Val Arg Tyr Leu Cys Met Gly Ala
 Asp Gly Lys Met Gln Gly Leu Leu Gln Tyr Ser Glu Glu Asp Cys
                 110
                                      115
 Ala Phe Glu Glu Glu Ile Arg Pro Asp Gly Tyr Asn Val Tyr Arg
                 125
                                      130
 Ser Glu Lys His Arg Leu Pro Val Ser Leu Ser Ser Ala Lys Gln
                 140
                                      145
 Arg Gln Leu Tyr Lys Asn Arg Gly Phe Leu Pro Leu Ser His Phe
                 155
                                      160
 Leu Pro Met Leu Pro Met Val Pro Glu Glu Pro Glu Asp Leu Arg
                 170
                                      175
 Gly His Leu Glu Ser Asp Met Phe Ser Ser Pro Leu Glu Thr Asp
                 185
                                      190
 Ser Met Asp Pro Phe Gly Leu Val Thr Gly Leu Glu Ala Val Arg
                 200
                                      205
 Ser Pro Ser Phe Glu Lys
                 215
<210> 3
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic oligonucleotide probe
<400> 3
```

```
atccgcccag atggctacaa tgtgta 26

<210> 4
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide probe

<400> 4
    ccagtccggt gacaagccca aa 22

<210> 5
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<23> Synthetic oligonucleotide probe
```

gcctcccggt ctccctgagc agtgccaaac agcggcagtg ta 42

<400> 5